

Method for Manufacturing An Organic Electroluminescent Display

Abstract

A method for manufacturing an organic electroluminescent display is disclosed; the method utilizes only one photo mask to produce the cathode ramparts and insulating layer so as to simplify the manufacturing procedure, reduce the time and the cost required for manufacture and reduce the inaccuracy of alignment. The manufacturing method according to the present invention firstly forms a plurality of first display electrodes arranged in parallel on a substantially transparent substrate, and forms a non-photosensitive and a photosensitive insulating layer thereon. After proceeding a photolithography process, developing processes, the cathode ramparts and the insulating layer are formed simultaneously and the first display electrodes are exposed partially. An organic electroluminescent material is then formed on the exposed first display electrodes and a plurality of second display electrodes are formed on the organic electroluminescent material to complete an organic electroluminescent display.